

## UCD / TCD Mathematics Summer School 2010 Timetable "Frontiers of Mathematics and its Application"

	9.30 -10.30	10.30 -11.30	11.30 -12.30		2.00-3.00	3.00-4.30
<b>Monday 31<sup>st</sup> May</b>	Siddhartha Sen Geometry and Eigenvalues	Alan Newell Patterns in Nature and in the Laboratory		<b>L U N C H</b>	Marius Ghergu Discussion Session	Richard Timoney What is Non Commuting Geometry?
<b>Tuesday 1<sup>st</sup> June</b>	Shane Whelan To Immortality and Beyond: Actuarial Escape Velocity	Shane Whelan To Immortality and Beyond: Actuarial Escape Velocity	Peter Lynch Mathematical Changes in Weather Forecasting		Miguel Bustamante Discussion Session	Robert Osburn Number Theory
<b>Wednesday 2<sup>nd</sup> June</b>	<b>Risk Conference 2010</b>				Shane Whelan Discussion Session	Mathematics Contest
<b>Thursday 3<sup>rd</sup> June</b>	Nigel Buttimore Maths behind Google Search	Subba Rao Granger Causality	Peter Lynch Simple Mechanical Models & Complex Physical Systems		Conall O'Sullivan Capital Requirements and the Tax Payer's Put Option	Research and Careers Session followed by Reception
<b>Friday 4<sup>th</sup> June</b>	Subba Rao Granger Causality	Public Lecture: Martin Bridson "Symmetry and Rigidity"				

Sessions will take place in Room Q013 (Quinn), except Wednesday and Friday mornings which will be in room Q014 (Quinn)  
Organisers: Miguel Bustamante (UCD), Marius Ghergu (UCD), Conall O'Sullivan (UCD), Siddhartha Sen (UCD/TCD), Richard Timoney (TCD)

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